



What do you need to enroll in HBI's Electrical Wiring trade?

- A commitment to get your GED or high school diploma, if you don't have one. Good math skills and reading are important to learning the trade's basics, operating tools and working safely.
- A commitment to get your driver's license if you don't have it. A license is as crucial as a pair of work boots — you need both to get to the job site.
- An eye for detail. Enjoy working with your hands.
- Be prepared to follow the trade's strict safety rules.

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What will you learn in the HBI Electrical Wiring trade?

You will learn many of the skills employers in the building industry are looking for, including how to:

- Cut, bend and install conduit and wiring
- Hook up electrical appliances
- Install switches and lighting fixtures
- Wire door bells and alarms
- Use circuit-testing equipment

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Is Electrical Wiring for you?

Electrical wiring is a rewarding career and very much in demand. Electrical work can keep you physically active, and bending or standing for long periods of time.

The work environment varies, depending on the job. Sometimes you may work in dusty, dirty, hot or wet conditions, or in confined areas and ditches.

Electricians must follow strict safety procedures to avoid injury from electrical shock, falls and cuts.



Home Builders Institute

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Build a Career in the Building Industry

with the Home Builders Institute



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Electrical Wiring

What is the Home Builders Institute?

The Home Builders Institute (HBI), is the workforce development arm of the 215,000 member National Association of Home Builders (NAHB). For more than 30 years, HBI has helped young people start careers in the building industry.

What is Electrical Wiring?

Electricity is essential for light, power, air conditioning, and refrigeration. Electricians are needed to install, connect, test and maintain systems for a variety of purposes, including climate control, security and communications. Electrical wiring is essential to installing, repairing or maintaining these systems. They must follow the National Electric Code (NEC) and comply with State and local building codes when they install these systems.

Electricians work with blueprints which mark the location of circuits, outlets, load centers, panel boards and other equipment.

They use testing equipment, such as ohmmeters and voltmeters to check the circuits for proper connections, ensuring electrical compatibility and safety.



How long will it take to graduate?



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That is up to you. In HBI's electrical wiring program you learn at your own pace. The average is 12 months. Students wishing to learn more technical skills take more time.

What type of job can you expect as an HBI Electrical Wiring graduate?

As an HBI graduate in electrical wiring, you will have the entry level skills you will need to start a career in the field. You may want to start out with an apprenticeship in electrical wiring or a job as an electrician helper.

There will be many job possibilities as your electrical skills will be in great demand by electrical, general and rehab contractors as well as developers.

What will be expected of you as an HBI student?

- A real desire to learn the trade and join one of the country's largest industries.
- Have the discipline to handle HBI's hands-on training responsibly and safely.
- Active participation in your training and its work-like requirements, including punctuality and proper behavior.
- Respect for your instructors and fellow students at all times.
- To follow the rules and respect the tools provided for your training.

Your Electrical Career Choice Ladder!

As you expand your skills, so do your choices and opportunities in the industry. Here is a ladder of different careers you can aim for as an HBI electrical wiring graduate. Some require years of experience in the trade, and, in some cases, further education.



How much can you earn?

HBI's entry-level electrical wiring graduates earn, on average, between \$8.50 and \$12.00 an hour in their first job after graduation.

Additional training through apprenticeships or on the job training will upgrade your skills and help expand your career options.